





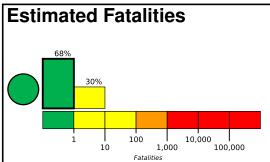
Created: 2 hours, 3 minutes after earthquake

PAGER

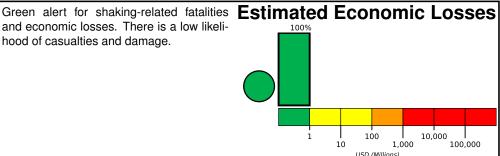
Version 2

M 5.5, 32 km SSE of Ikungi, Tanzania

Origin Time: 2023-08-08 15:31:19 UTC (Tue 18:31:19 local) Location: 5.3881° S 34.9184° E Depth: 10.0 km



and economic losses. There is a low likelihood of casualties and damage.



Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	7,165k*	1,538k	69k	18k	2k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan

Structures

Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are mud wall with wood and adobe block construction.

35.2°E 34.1°E Shinyanga Mbulu Tinde Magugu Babati Basotu Mtinko Singida

Kintinku

Historical Earthquakes

Date	Dist.	Mag.	Max	Shaking	
(UTC)	(km)		MMI(#)	Deaths	
1990-05-15	279	5.5	VI(8k)	_	
2007-07-17	329	5.9	IX(7k)	_	
2002-05-18	304	5.5	VII(41k)	2	

Selected City Exposure

from Ge	eoNames.org	
MMI	City	Population
IV	Ikungi	20k
IV	Mungaa	17k
IV	Puma	17k
IV	Kilimatinde	6k
IV	Itigi	20k
IV	Kintinku	8k
IV	Singida	62k
III	Dodoma	181k
III	Igunga	36k
Ш	Babati	34k
Ш	Shinyanga	107k

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

Meandu

6:4°S